6   associated with the received data packet in response to satisfying the filter criteria associated with

7   the at least one filter; and

8   a controller coupled to the network interface, to dynamically create and remove the filters

9   controlling access to the different service levels based, at least in part, on an admissions profile.

1   2.   (Amended) The apparatus of claim 1, wherein the at least one filter when

2   triggered, initiate an admission control decision preventing premature allocation of service level

3   resources which are not yet required or authorized.

1   3.   (Amended) The apparatus of claim 2, wherein each of the filters is triggered by

2   information contained within the received data packet.

1   4.   (Amended) The apparatus of claim 3, wherein each of the filters is triggered by

2   one or both of packet source information and packet destination information.

1   5.   The apparatus of claim 1, wherein the admissions profile is stored in a

2   communicatively coupled remote device.

1   6.   The apparatus of claim 5, wherein the communicatively coupled remote device is

2   a bandwidth broker or other generic policy server.

1   7.   The apparatus of claim 1, wherein the admissions profile is available locally

2   within the apparatus.

1   8.   (Amended) The apparatus of claim 1, wherein the controller establishes an

2   ingress profile in response to detecting an associated trigger event, wherein the ingress profile

3   modifies the received data packet adhering to the filter criteria to denote a particular service

4   level, in accordance with the admissions profile.

1   9.   The apparatus of claim 8, wherein the controller removes ingress profiles when

2   data packets adhering to the filter criteria are no longer received, liberating apparatus resources.

1   10.   The apparatus of claim 8, wherein the controller removes ingress profiles after a
2   predetermined period of time, liberating apparatus resources.

1   11.   (Amended) The apparatus of claim 1, wherein the controller removes at least one
2   of the filters in accordance with a network administration policy.

1   12.   (Amended) The apparatus of claim 11, wherein the controller removes at least
2   one of the filters based, at least in part, on time-of-day.

1   13.   (Amended) A method for controlling provision of differentiated services in a data
2   network, the method comprising:
3   (a)   installing a filter on a network edge device to provide a trigger notification upon
4   detecting data packets adhering to filter criteria;
5   (b)   determining whether a received data packet satisfies the filter criteria; and
6   (c)   issuing a command by a bandwidth broker to a controller of the network edge
7   device to dynamically install or remove a filter in response to determining whether the received
8   data packet satisfies the filter criteria.

1   14.   (Amended) The method of claim 13, further comprising (d) marking the received
2   data packets adhering to the filter criteria according to a subscribed service level.

1   15.   (CANCEL)

1   16.   The method of claim 14, wherein the marking of the received data packet includes
2   setting a logic value of a bit in a Type of Service (ToS) field of a header of the data packet.

1   17.   The method of claim 14 further comprising:
2   (e)   identifying and marking the received data packets with routing information in
3   accordance with the subscribed service level.

1   18.   The method of claim 17 further comprising:

2   (f)   placing the data packets in a proper format for transmission.

1   19.   The apparatus of claim 1, wherein the classifier marks a Type of Service (ToS)
2   field of the received data packet to denote a level of service for transmission of the data packet.

1   20.   The apparatus of claim 1, wherein the controller further dynamically controls
2   access to at least one classifier profile in accordance with the admission profile.

1   21.   (Amended) An apparatus adapted to facilitate communications between a client
2   device and a remote device, comprising:
3   filter means for controlling access to different service levels;
4   means for classifying and marking one of the service levels associated with the received
5   data packet in response to satisfying filter criteria associated with the filter means, the means for
6   classifying being communicatively coupled to the filter means; and
7   control means for dynamically creating and removing a portion of the filter means based
8   at least in part on an admission profile.

1   22.   The apparatus of claim 21, wherein the admissions profile is stored in a
2   communicatively coupled remote device.

1   23.   The apparatus of claim 22, wherein the communicatively coupled remote device is
2   a bandwidth broker or other generic policy server.

1   24.   The apparatus of claim 21, wherein the filter means comprises a plurality of
2   filters.

1   25.   The apparatus of claim 24, wherein the control means removes at least one of the
2   filters in accordance with a network administration policy.

1   26.   The apparatus of claim 25, wherein the control means removes at least one of the
2   filters based, at least in part, on time-of-day.